

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17	((TOMOHISA) near2 (HOSHINO)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/07/20 10:58
S2	234	361/290.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 11:19
S7	106	361/283.3.ccls. not 361/290,291,287,283.1,283.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 11:20
S8	304	361/283.4.ccls. not 361/290,291,287,283.1,283.2283.3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 11:20
S9	365	361/280.ccls. not 361/290,291,287,283.1,283.2283.3,283.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 11:20
S10	217	361/277.ccls. not 361/290,291,287,283.1,283.2283.3,283.4,280.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 11:21
S11	0	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode and potential	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 13:42

S12	434	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode and potential	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 13:42
S13	19	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode and potential and "361".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 13:43
S14	238	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode and potential and (capacitor or capacity or capacitance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 13:45
S16	119	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode and potential and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 13:46
S17	80	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode with potential and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 13:48
S18	6	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode with potential and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and impedance and vibrating	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 13:58
S19	8	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode with potential and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and vibrating	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 14:03
S20	6	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode with potential and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and vibrat\$9 near5 electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/20 14:04
S21	2	((("6145384") or ("6382030")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 14:22

S23	62	(first or fixed) near3 electrode and (second or movable) near3 electrode and guard electrode with potential and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and guard electrode with between	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/21 15:23
S24	133	guard electrode with potential and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/21 15:33
S25	22	("3909625"   "4030037"   "4550221"   "4871976"   "4943889"   "5063306"   "5442347"   "5594222"   "5633594"   "5726579"   "5757196"   "5812057"   "5986497"   "6310611"   "6366099"   "6456477"   "6462562"   "6501282"   "6744258"   "6842018"   "6922063"   "7071709").PN. OR ("7498822").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 08:35
S26	0	("2005/0011878").URPN.	USPAT	ADJ	ON	2009/07/22 08:38
S27	8	("20020043527"   "20030015521"   "4621064"   "6465763"   "6475606"   "6507006"   "6677557"   "6710307").PN. OR ("6815646").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 08:38
S28	68	("4286215"   "4333051"   "4433288"   "4544887"   "4551674"   "4663526").PN. OR ("5091691").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 08:38
S29	16	("3417626"   "5381300"   "5459368"   "5646348").PN. OR ("6145384").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 08:55
S30	3	("6145384"   "6927678"   "6980008").PN. OR ("7337681").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 09:05
S31	10	("5392651"   "5569960"   "5611481"   "5901046"   "6074894").PN. OR ("6382030").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 09:08
S32	9	("2003/0080755").URPN.	USPAT	ADJ	ON	2009/07/22 09:09
S33	81	361/291.ccls. not 361/290.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 09:13

S34	95	361/287.ccls. not 361/290,291.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 09:36
S35	50	361/283.2.ccls. not 361/290,291,287,283.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 09:42
S36	8527	electrode with potential and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and (first or fixed) near3 electrode and (second or movable) near3 electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 09:43
S37	332	electrode with potential with (equal or "same") with (parasitic or capacitance) and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and (first or fixed) near3 electrode and (second or movable) near3 electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 09:45
S38	404	guard electrode and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 10:02
S39	133	guard electrode with potential and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 10:02
S40	271	S38 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 10:02
S43	95	S40 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 10:03
S44	1	("2005/0030724").URPN.	USPAT	ADJ	ON	2009/07/22 10:35

S45	289	361/283.1.ccls. not 361/290,291,287.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 11:29
S46	29	guard electrode and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and electrode with etch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 11:31
S47	68	vibrat\$5 electrode and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and electrode with etch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 12:44
S48	0	("2007/0045757").URPN.	USPAT	ADJ	ON	2009/07/22 12:48
S49	2	("2614416").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 12:53
S50	327	diaphragm with electrode and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and electrode with etch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 12:59
S51	62	diaphragm electrode and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and electrode with etch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 12:59
S52	7	diaphragm with electrode and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and electrode with etch\$4 and guard electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 13:05
S53	7	diaphragm with electrode and (capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and electrode with etch\$4 and guard with (electrode or conductive)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 13:08
S54	81	(capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and electrode with etch\$4 and guard with (electrode or conductive)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 13:12

S55	33	(capacitor or capacity or capacitance) with (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and plate with etch\$4 and guard with (electrode or conductive)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 13:17
S56	25	("4345474"   "4435737"   "4483194"   "4674319"   "4679434"   "4736629"   "4805456").PN. OR ("5045152").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:30
S57	28	("20020014126"   "3993939"   "4092696"   "4203128"   "4332000"   "4823230"   "4831492"   "4838088"   "4993143"   "5186054"   "5241864"   "5332469"   "5349873"   "5528452"   "5585311"   "5591679"   "5706565"   "5741606"   "5844287"   "5929497"   "5936164"   "6020272"   "6097821"   "6109113"   "6378381").PN. OR ("6860154").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:32
S58	0	("2007/0045757").URPN.	USPAT	ADJ	ON	2009/07/22 13:38
S59	1	("7047814").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 13:41
S60	1	("20030072127").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/22 13:41
S61	31	("20010008478"   "20010020320"   "20010033048"   "20010047689"   "20030019299"   "4178621"   "4345299"   "4358814"   "4599888"   "4948174"   "4996627"   "5121945"   "5274567"   "5357806"   "5369544"   "5528452"   "5531128"   "5585311"   "5757608"   "5936163"   "6006607"   "6122973"   "6151967"   "6211558"   "6252759"   "6257068"   "6267009"   "6355534"   "6465271").PN. OR ("7047814").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 13:41
S62	3795	"361".clas. and (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) with impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 14:29
S63	12	"361".clas. and (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) with impedance and guard electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/22 14:29

S68	68	"361".clas. and (variable or varied or varying or tunable or tuned or tuning or change or changing or changed) and guard electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/28 15:08
S69	76	"361".clas. and guard electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/28 15:19
S70	16	("3417626"   "5381300"   "5459368"   "5646348").PN. OR ("6145384").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/28 15:21
S71	1	("2005/0030724").URPN.	USPAT	ADJ	ON	2009/07/28 15:23
S72	87	"73".clas. and guard electrode and (varactor or capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/28 15:24
S73	274	"324".clas. and guard electrode and (varactor or capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/28 15:31
S74	48	"257".clas. and guard electrode and (varactor or capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/28 15:32
S75	43	(movable near4 electrode) and (fixed near4 electrode) and guard electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 06:53

S76	0	(movable near4 electrode) and (fixed near4 electrode) and guard electrode ad substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 06:53
S77	1	("4766368").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/29 08:55
S78	2234	((movable or first or vibrat\$5) near4 electrode) and ((fixed or second) near4 electrode) and guard and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 09:02
S79	269	((movable or first or vibrat\$5) near4 electrode) and ((fixed or second) near4 electrode) and guard electrode and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 09:04
S80	554	((movable or first or vibrat\$5) near4 electrode) and ((fixed or second) near4 electrode) and guard and substrate and (impedance or capacitance or capacity) and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 10:02
S81	354	((movable or first or vibrat\$5) near4 electrode) and ((fixed or second) near4 electrode) and shield\$4 electrode and substrate and (impedance or capacitance or capacity) and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 10:12
S82	181	capacity sensor and (guard or shield)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 11:07
S83	284	capacity sensor and (guard\$3 or shield\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 11:07

S84	144	capacity sensor and (guard\$3 or shield\$3) and potential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 11:10
S85	47	capacity sensor and (guard\$3 or shield\$3) same potential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 11:10
S86	140	capacity near4 sensor and (guard\$3 or shield\$3) same potential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 11:23
S87	93	S86 not S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 11:23
S88	1287	capacit\$5 near4 sensor and (guard\$3 or shield\$3) same potential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 11:23
S89	463	capacit\$5 near4 sensor and (guard\$3 or shield\$3) near3 (electrode or ring or layer) same potential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 11:24
S90	144	capacit\$5 near4 sensor.ab.ti. and (guard\$3 or shield\$3) near3 (electrode or ring or layer) same potential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/29 11:24
S91	1	2003-845414	DERWENT	ADJ	ON	2010/01/30 11:35

S92	1	("20050219222").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/30 11:37
S93	31	(US-20050052821-\$ or US-20070194395-\$ or US-20050030724-\$ or US-20030080755-\$ or US-20050011878-\$ or US-20070045757-\$ or US-20030072127-\$ or US-20040021475-\$ or US-20050219222-\$.did. or (US-4891584-\$ or US-6382030-\$ or US-6145384-\$ or US-7337681-\$ or US-7498822-\$ or US-5091691-\$ or US-6815646-\$ or US-6860154-\$ or US-4945773-\$ or US-5045152-\$ or US-7305890-\$ or US-7047814-\$ or US-3879644-\$ or US-6513388-\$ or US-7119554-\$ or US-7387619-\$ or US-6097195-\$ or US-6593755-\$.did. or (EP-1719994-\$.did. or (JP-2000028462-\$.did. or (JP-2005227182-\$ or WO-03088135-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/02/08 11:36
S94	19	S93 and silicon	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/02/08 11:36
S95	44	capacit\$5 near4 sensor.ab.ti. and (guard\$3 or shield\$3) near3 (electrode or ring or layer) same potential and (amplifier or opamp or amp or gain) with (detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/08 16:14
S96	52	impedance near4 sens\$6 and (guard\$3 or shield\$3) near3 (electrode or ring or layer) same potential and (amplifier or opamp or amp or gain) with (detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/02/09 08:37
S97	1	2003-845414	DERWENT	ADJ	ON	2010/02/09 08:43

S98	31	(US-20050052821-\$ or US-20070194395-\$ or US-20050030724-\$ or US-20030080755-\$ or US-20050011878-\$ or US-20070045757-\$ or US-20030072127-\$ or US-20040021475-\$ or US-20050219222-\$).did. or (US-4891584-\$ or US-6382030-\$ or US-6145384-\$ or US-7337681-\$ or US-7498822-\$ or US-5091691-\$ or US-6815646-\$ or US-6860154-\$ or US-4945773-\$ or US-5045152-\$ or US-7305890-\$ or US-7047814-\$ or US-3879644-\$ or US-6513388-\$ or US-7119554-\$ or US-7387619-\$ or US-6097195-\$ or US-6593755-\$).did. or (EP-1719994-\$).did. or (JP-2000028462-\$).did. or (JP-2005227182-\$ or WO-03088135-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/02/09 09:10
S99	1	S98 and polycrystal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/02/09 09:10
S100	5	S98 and crystal near7 silicon	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/02/09 09:11

**EAST Search History (Interference)**

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**2/ 9/ 2010 2:44:29 PM****C:\ Documents and Settings\ dsinclair\ My Documents\ EAST\ Workspaces\ 10\ 58\ 10589350.wsp**